

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/02510

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04Q7/34 H04L12/56

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/155825 A1 (HAUMONT SERGE ET AL) 24 October 2002 (2002-10-24) paragraphs '0001!-'0030! ---	1-18
Y	WO 01/95657 A (NORTEL NETWORKS LTD ;LUCIDARME THIERRY (FR); DUPLESSIS PHILIPPE (F) 13 December 2001 (2001-12-13) paragraph 'ABSTRACT!; figure 1 page 1, line 1 -page 2, line 29 page 4, line 6 -page 5, line 6 page 5, line 28 -page 6, line 26 page 6, line 33 -page 7, line 26 page 8, line 1 -page 9, line 13 ---	1-14
A	---	15-18

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

29 April 2004

Date of mailing of the international search report

07/05/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Pasini, E

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/02510

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/39673 A (ERICSSON TELEFON AB L M) 16 May 2002 (2002-05-16)	15-18
A	page 1, line 5 -page 2, line 3 page 2, line 22 -page 3, line 21 page 4, line 14-17 page 5, line 17-23 page 6, line 8-12 page 7, line 15 -page 11, line 10 page 16, line 9-22 page 17, line 6 -page 18, line 2 page 19, line 8 -page 20, line 10 page 21, line 18 -page 22, line 11 page 23, line 7-19 page 36, line 1-6 ---	1-14
A	"Managing Quality of Service, Security, Roaming Scenarios and Charging Functions in the New GPRS Packet-Switched Domain" IEEE, 30 October 2001 (2001-10-30), XP002225044 Retrieved from the Internet: <URL:www.tektronix.com/mobile> 'retrieved on 2002-12-16! paragraph 'ABSTRACT' page 230, right-hand column, line 46-52, paragraph C ---	12
A	BILGIC M ET AL: "Quality of service in general packet radio service" MOBILE MULTIMEDIA COMMUNICATIONS, 1999. (MOMUC '99). 1999 IEEE INTERNATIONAL WORKSHOP ON SAN DIEGO, CA, USA 15-17 NOV. 1999, PISCATAWAY, NJ, USA, IEEE, US, 15 November 1999 (1999-11-15), pages 226-231, XP010370727 ISBN: 0-7803-5904-6 page 1-15 -----	1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/02510

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2002155825	A1	24-10-2002	WO AU EP	0001172 A1 8440998 A 1092327 A1	06-01-2000 17-01-2000 18-04-2001
WO 0195657	A	13-12-2001	FR CN EP WO US	2809921 A1 1442025 T 1287717 A2 0195657 A2 2003186678 A1	07-12-2001 10-09-2003 05-03-2003 13-12-2001 02-10-2003
WO 0239673	A	16-05-2002	AU EP WO TW	1291002 A 1332584 A1 0239673 A1 536890 B	21-05-2002 06-08-2003 16-05-2002 11-06-2003